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(54) INK JET RECORDING METHOD

(57) Abstract:

PURPOSE: To impart a highly detailed high density full-color image and to prevent the generation of roller wearing or ghost, by using a material to be recorded having specific physical values.

CONSTITUTION: A material to be recorded wherein Cobb water absorbability when a contact time is set to 30sec using a test solution containing 30wt.% of diethylene glycol is 30g/m² or more and Beck

smoothness S to the max. printing density P is S2116-3.62P is used. In this case, even when a printing part is rubbed with a delivery roller, no problem of ghost or wearing is generated. The material to be recorded consists of a support and the ink receiving layer provided to the surface thereof and, as the support to be used, paper is proper. The ink receiving layer is mainly formed from a filler and a binder. As the filler, a porous silica particle composed of silica pigment such as synthetic silica and having a spherical granular shape is pref. used.

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